PdMA M*TAP2* Module

Increased Safety for Testing Energized AC Electric Motors

Specifications
- Voltage at MCC test port: 30V RMS nominal, <50V peak
- Input voltages (select one when ordering): 120, 240, 480, 600 VAC
- Motors rated over 600V require existing metering PT's and CT's. Contact PdMA for proper MTAP2 rating selection
- Current input terminal strip (0-3V RMS input), current represented by voltage signal
- MCC test port: Circular military style, 1-inch diameter, extends out ½ inch
- Temperature Rating: 80° C, Relative Humidity Range: 90 % non-condensing

Physical Dimensions
- Size: 7.25 x 5.6 inches x 3.5 inches deep
- Weight: less than 3 lbs.
- Mounts to DIN rail via 2 mounting brackets
  - Mounting brackets provided, DIN rail not provided
- Optional Mounting: Mount circuit board directly to MCC
  - 4 mounting feet (must specify if required)

Circuit Protection and Isolation
- 3 primary and 3 secondary fast-acting fuses on potential transformer
- Transorbs used to limit voltage for current and voltage signals to test port
- Electrical Isolation: potential transformer passes 2000V DC high potential test

Standards and Certifications
- CSA Listed to UL 508 and CSA 22.2 #14 Standards
- CE
- Meets NFPA 70E guidelines for safe voltage level

M*TAP2* CT Information
For additional information, contact PdMA.

CT Primary Current Rating	5A	100A	400A
CT Opening Size (inside diameter in inches)	0.3	1.25	1.25
Design	Iron Core Donut	Iron Core Donut	Split-Core
Voltage Class (max continuous voltage)	600V	600V	600V
Burden Resistor	Built in	Built in	Built in
Output (mV/A)	66.7 mV / A	3.3 mV / A	0.833 mV / A
Burden in VA at rated current	0.003	0.04	0.0177
Burden in VA at 10X rated current	0.28	3.63	1.778
Wire Length	8 ft	8 ft	8 ft
ANSI / IEEE Standard #	IEEE-C57.13	IEEE-C57.13	IEEE-C57.13
CSA Standard #	CAN3-C13-M83	CAN3-C13-M83	CAN3-C13-M83

To Order M*TAP2* Module: Specify input voltage and CT current rating.
Requires one external cable to connect tester to MCC test port:
ASY-00321 (H-Series) ASY-00442 (M-Series)